(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 29 January 2004 (29.01.2004)

PCT

(10) International Publication Number WO 2004/010299 A2

(51) International Patent Classification7:

G06F 11/00

(21) International Application Number:

PCT/GB2003/003141

(22) International Filing Date:

18 July 2003 (18.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0216742.7

18 July 2002 (18.07.2002) GB

- (71) Applicant (for all designated States except US): RI-CARDO UK LIMITED [GB/GB]; Bridge Works, Shoreham-by-Sea, West Sussex BN43 5FG (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MILLER, Peter, John [GB/GB]; 33 Purcell Way, Shefford, Bedfordshire SG17 5RY (GB). SMITH, Andrew, Charles, Osborne [GB/GB]; 41 Stare Green, Cannon Park, Coventry CV4 7DN (GB). LINDSEY, Michael, John [GB/GB]; 366 High Street, Berkhamstcad, Herts HP4 1HU (GB).

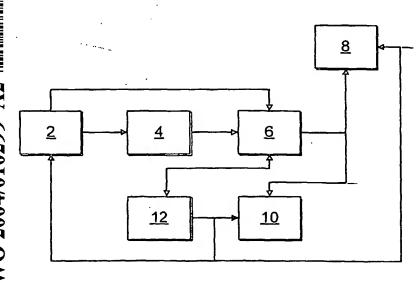
- (74) Agents: HIBBERT, Juliet et al.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SELF-TEST SYSTEM



(57) Abstract: An electronic system comprising a system to be monitored (2) and a plurality of fault-monitoring systems (4, 6) each of which is adapted to output a fault signal when an input indicates that the electronic system is in a fault condition associated with the fault-monitoring system. The fault-monitoring systems are arranged in a cascade fashion such that a fault signal output from one fault-monitoring system (4) is provided as an input to a subsequent fault-monitoring system (6) in the cascade of fault-monitoring systems to simulate a fault condition associated with the subsequent fault-monitoring system. The output of the final fault-monitoring system in the cascade gives an indication of whether there is a fault with any of the fault-monitoring systems.

WO 2004/010299 A2